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(54) WIRELESS VEHICLE SYSTEM FOR ENHANCING SITUATIONAL AWARENESS

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(57)ABSTRACT

Electronic equipment in vehicles may transmit and receive wireless messages. Each wireless message that is transmitted by a transmitter may include information on the vehicle from which it is being transmitted, information on the location of the transmitter within the vehicle, and other vehicle status information. Receiving equipment in vehicles may be used to receive the transmitted messages. Received signal strength indicator information may be associated with the transmitted messages. Using the received signal strength indicator information and information on the locations of the transmitters within the vehicles in which the transmitters are installed, equipment in a receiving vehicle may determine locations for nearby vehicles. Alerts may be presented to a driver of a vehicle and other suitable actions may be taken based on the locations of nearby vehicles, vehicle type information, and other information regarding traffic in the vicinity of the driver.

